

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 18 (canceled)

Claim 19 (original): A passive microphone for wirelessly transmitting sound information to a receiving unit, comprising:

an antenna that receives electromagnetic excitation energy from the receiving unit and wirelessly transmits electrical signals to the receiving unit; and

a piezoelectric device that is connected to the antenna such that the piezoelectric device receives and stores electromagnetic excitation from the antenna, wherein detected acoustic signals are converted into electrical signals bearing sound information.

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Claim 20 (original): A passive microphone as claimed in claim 19, wherein the piezoelectric device temporarily stores the excitation energy from the receiving unit in the form of mechanical vibrations.

Claim 21 (original): The passive microphone as claimed in claim 19, wherein the piezoelectric device stores the electromagnetic excitation energy such that the piezoelectric device detects acoustic signals and converts the detected acoustic signals into electrical signals bearing sound information.

Claim 22 (original): The passive microphone as claimed in claim 19, wherein the piezoelectric device comprises a piezoelectric diaphragm that has a surface acoustic wave resonant pattern.

Claim 23 (original): The passive microphone as claimed in claim 22, wherein the diaphragm is composed of a crystal.

Claim 24 (original): The passive microphone as claimed in claim 22, wherein the diaphragm is composed of lithiumniobate.

Claim 25 (original): The passive microphone as claimed in claim 19, wherein the piezoelectric device comprises a surface acoustic wave delay line.

Claim 26 (original): The passive microphone as claimed in claim 19, wherein the piezoelectric device comprises a first device for detecting acoustic signals and a second device for storing the electromagnetic excitation energy and for converting detected acoustic signals into electrical signals bearing sound information.

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Claim 27 (original): The passive microphone as claimed in claim 26, wherein the first device includes a diaphragm.

Claim 28 (original): The passive microphone as claimed in claim 27, wherein the diaphragm is composed of a metal.

Claim 29 (original): The passive microphone as claimed in claim 26, wherein the second device includes a diaphragm that has a surface acoustic wave resonant structure.

Claim 30 (original): The passive microphone as claimed in claim 26, wherein the second device includes a surface acoustic wave delay line.

Claim 31 (original): The passive microphone as claimed claim 19, wherein the passive microphone includes one or more devices for detecting acoustic signals which are configured such that the detected acoustic signals are differentially converted into electrical signals bearing sound information.

Claim 32 (original): The passive microphone as claimed in claim 19, wherein the passive microphone further comprises a device that compensates for disturbance variables.

Claim 33 (original): The passive microphone as claimed in claim 19, wherein the piezoelectric device receives the electromagnetic excitation energy from the receiving unit in the form of short high-frequency signals.

Claim 34 (original): The passive microphone as claimed in claim 19, wherein the piezoelectric device receives the electromagnetic excitation energy from the receiving unit in the form of periodically repeated high-frequency signals.

B Claim 35 (original): The passive microphone as claimed in claim 19, wherein the piezoelectric device receives the electromagnetic excitation energy from the receiving unit in the form of excitation signals that have a large bandwidth-time product.

Claim 36 (original): The passive microphone as claimed in claim 19, wherein the piezoelectric device receives the electromagnetic excitation energy from the receiving unit in the form of a continuous frequency-modulated excitation signal.

Claim 37 (newly added): A passive microphone for wirelessly transmitting sound information to a receiving unit, comprising:

an antenna that receives electromagnetic excitation energy from the receiving unit and wirelessly transmits electrical signals to the receiving unit; and

(a piezoelectric device connected to the antenna) wherein the piezoelectric device comprises a first device for detecting acoustic signals and a second device (for storing the electromagnetic excitation energy received from the antenna and for converting detected acoustic signals into electrical signals bearing sound information) wherein the first device includes a diaphragm, and wherein the second device includes a diaphragm that has a surface acoustic wave resonant structure.